

Appln. No.: 10/523,210
Amendment dated October 31, 2007
Response to Office Action of July 31, 2007

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method Method for performing communication on a bus structured network between a first device and a number plurality of second devices, comprising:
~~the communication protocol allowing two types of communication, namely using asynchronous data communication for control communication and isochronous data communication for real time data streaming, wherein the isochronous data communication is used also for a certain type of control communication between the first device and at least one of the second devices~~

issuing a first control communication from said first device to a first at least one of said plurality of second devices by means of an asynchronous data communication;

issuing real-time data communication from said first device to said first at least one of said plurality of second devices by means of an isochronous data communication;

issuing a second control communication from said first device to said first at least one of said plurality of second devices, said second control communication being included in said isochronous data communication and comprising a first control command to said first at least one of said plurality of second devices for controlling a functionality having an effect directly recognizable by a user if said first control command is not timely executed in said first at least one second device.

2. (Cancelled).

3. (Currently amended) The method Method according to claim 21, wherein said first control command is for controlling is configured to control one of an audible parameter for a number of loudspeakers or for controlling at least one loudspeaker and a visible parameter for controlling a number of displays at least one display.

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4. (Currently amended) ~~The method~~ Method according to claim 1, wherein said first certain type of control communication command is sent in a repeated manner.

5. (Currently amended) ~~The method~~ Method according to claim 1, wherein ~~disturbance on the communication network is detected, its degree is determined, and, depending on said degree of disturbance, the use of isochronous data communication for the certain type of control communication is reduced~~ further comprising detecting a disturbance on the communication network, determining a degree of said disturbance, and reducing a use of said isochronous data communication for said second control communication if said degree of disturbance exceeds a predetermined level.

6. (Currently amended) ~~The method~~ Method according to claim 1, wherein ~~in said certain type of control communication control information which is to be issued by a first device to several other devices is issued by means of asynchronous data communication to a second device, which transmits it to the other devices~~ wherein said first control communication to said first at least one second device includes a second control command, said first at least one second device communicating said second control command to a second at least one of said plurality of second devices by means of isochronous data communication from said first at least one second device to said second at least one second device.

7. (Currently amended) ~~A network~~ Network station for performing ~~the method according to claim 1~~ communication on a bus structured network between a first device and a plurality of second devices, said communication comprising issuing a first control communication from said first device to a first at least one of said plurality of second devices by means of an asynchronous data communication, issuing real-time data communication from said first device to said first at least one of said plurality of second devices by means of an isochronous data communication, issuing a second control communication from said first device to said first at least one of said plurality of second devices, said second control communication being included in said isochronous data communication and comprising a first control command to said first at least one

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of said plurality of second devices for controlling a functionality having an effect directly recognizable by a user if said first control command is not timely executed in said first at least one second device, said network station including:

~~having an interface to the network;~~

~~having means for performing said asynchronous data communication for control communication and;~~

~~having means for performing said isochronous data communication for real time data streaming; and~~

~~wherein communication means are provided for using said isochronous data communication for performing a control communication for a certain type of control information.~~

means for using said isochronous data communication to communicate said second control communication.

8. (Currently amended) ~~The network~~ Network station according to claim 7, wherein said communication means include at least one of means for transmitting said certain type of first control information command onto an isochronous channel ~~and/or~~ and means for receiving said ~~certain type of first control information command~~ from an isochronous channel.

9. (Cancelled).

10. (Currently amended) ~~The network~~ Network station according to claim 7, wherein said ~~first control command is for controlling~~ is configured to control one of an audible parameter for a number of loudspeakers ~~or for controlling~~ and a visible parameter for controlling a number of displays.

11. (Currently amended) ~~The network~~ Network station according to claim 7, wherein the network interface is an IEEE-1394-network interface.